Welcome to Your Product's User Manual

Thank you very much for purchasing our device.

Before using this product, please be sure to read this manual.

- Actual product specifications may differ from what is indicated in this manual as product enhancements are implemented without prior notice.
- Printed at the time of production, this manual may contain technical or editorial mistakes or omission.

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WARNING

FCC compliance Information

This device complies with part 15 of FCC Rules.
Operation is subject to the following two conditions:
1. This device may not cause harmful interference, and
2. This device must accept any interference received.
Including interference that may cause undesired operation.

Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, Pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio Frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC WARNING:

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

User information Statement

Hereby, Elentec Co.,Ltd., declares that this PMP2500 is in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.

PRECAUTIONS FOR SAFETY

To prevent causing damage to the user's property and to ensure the user's safety, please read carefully the following precautions.

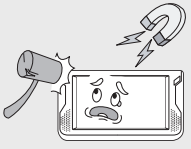
Placing the product in wet and dusty places may cause malfunction.

Avoid putting heavy objects, cup, cosmetics, chemicals, or any water-filled vessel on top of the product.

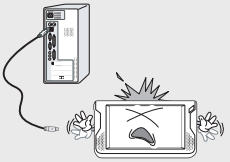
Use only dry cloth and not water or chemicals for cleaning.

Do not disassemble, repair, or reconstruct without an authorized technician.

Avoid simultaneously pressing multiple buttons. This may cause malfunction or product failure.

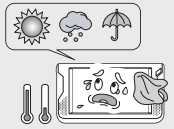


Avoid exposing this product to shock or impact and keep it away from magnetic fields or vibration.



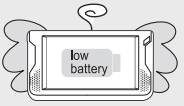
Using unauthorized hardware or software may cause operational problems.

Prevent any foreign substance to come in contact with the memory card or the internal parts of this device, as it might cause malfunctions.

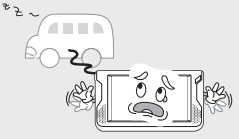


Keep the product away from too hot/cold or wet places.

Connect the USB, earphone and plugs correctly as instructed.



Please promptly recharge the device with the supplied power adaptor as soon as the “Low battery” warning message appears. Ignoring the warning message and continuing to use the device will completely discharge the battery and may cause all information on the device to be erased.

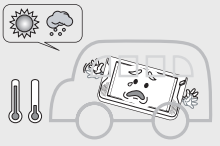


In using vehicle power, please first check if there is no problem with the power supply before connecting the device to the cigar jack adaptor. Any sudden power spike may damage the device.

Whenever any problem or program error occurs with this device, please first refer to the instruction manual and then contact our service center. Do not attempt to disassemble, repair, or reconstruct the device without an authorized technician.

| Navigation precautions |

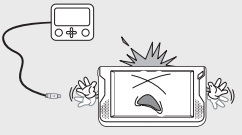
- To maximize the GPS signal reception, remove any paint, sunscreen, or snow on the windshield, and any other objects that can block GPS antenna from receiving the GPS signal. Depending on the specific device installed in the car, some hinder in GPS reception might occur. Navigation does not warranty quality GPS reception rate in all cars.



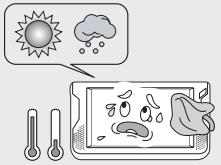
- Do not leave the navigation device inside the car when the temperature is rising due to direct sun light, etc. Rapid increase of the temperature inside the car may cause the inner battery to explode. When temperature is high such as during the summer, do not to leave this device in the car.

- The navigation holder is a glass suction-type holder that normally strongly attaches to any glass surface. Before driving, always check if it is properly attached. If not, the vibration during driving may cause the holder to separate and fall off. User is responsible for any damage incurred in such a case. If the product will not be used for a long time, detach it and store in a safe place.

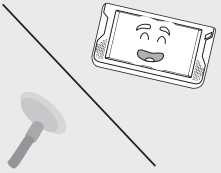
- Applying paint or putting stickers on the GPS antenna may cause problems in GPS signal reception and damage the device.



- We do not provide a warranty for the compatibility of some accessories which are not provided by us. We are also not responsible for any defect caused by such accessories.

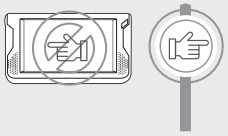


- The proper operation temperature of this GPS device is 0–50℃.
- Please keep this device away from cold or hot temperature.
- Please keep the proper temperature. Situations with temperatures of -20–0℃ or 50–80℃ may affect the normal GPS signal reception of this device and damage its H/W.

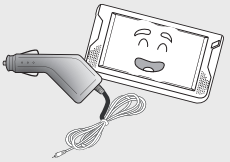


- If this device will not be used for a long time, keep the suction holder separated from the glass.

- Before driving, always check whether the navigation is properly installed inside the car. The user is responsible for any damage incurred arising from improper product installation.



- There might be some difference between the voice guide, map path, and actual road conditions. Always follow street signal systems and traffic regulations of the actual road and drive safely.



- We only guarantee the quality as long as this device is used with the supplied package.

- While driving, never perform any operation, such as location registration, location search, and run other programs. Always park the car in a safe place first before operating the device.
- Operating the navigation system or looking at the screen while driving is very dangerous. While driving, always pay attention to road traffic and pedestrians.

- Use only the cigar jack adaptor included in this package.
- Use only the AC adaptor to be supplied as an optional.

Caution

This navigation device can calculate your exact location using signals from more than four satellites.

This device may falter in receiving GPS signals in certain locations. In case of unstable GPS signal reception, we recommend you to install an external GPS antenna.

An external GPS antenna is optional.

| BEFORE STARTING |

| Basic Functions |

- Navigation
- Movie Player
- MP3 Player
- Image Viewer
- Handsfree

| What is GPS? |

GPS or Global Positioning System was developed by the United States Department of Defense and is jointly maintained with the Department of Transportation.
It is a global system using 24 satellites, and information received via radio signals from these satellites are used to calculate current positions; normally, the location of the GPS receiver can be calculated within a 10-meter accuracy. Thus, to obtain the current location using GPS satellites, a GPS receiver equipped with a GPS antenna is required.

| GPS Reception Time Guide |

1. During initial operation or when using the device after parked for a long time, the GPS antenna's power supply time and system checking time can take about 5-10 minutes depending on the situation.
2. There are areas where GPS cannot be received (in a tunnel, under the overpass, underground) and map movement will not work. These functions will resume only after you move to an area where GPS can be received.
3. In case this device stops receiving GPS signal for some time, please reset it.

Errors in GPS signal reception in the following situations are not product malfunctions.

When an object is put on the GPS antenna, when the wind shield is covered with metal, when a device generating electromagnetic waves is also installed in the car (e.g., some of wireless alarms, some MP3 or CD players, other GSP devices using GPS-like camera alarm).

If a receiver is connected through cable, changing the location of a receiver (antenna) may cause jamming.

When there is heavy cloud cover, when a car is located in places like under a bridge or an elevated road, or within a tunnel, an underground road or an underground parking lot, where a receiver antenna cannot be directed to the sky, when a car is parked indoors, where there are high-rise buildings around a car. In such bad reception conditions, it is better to stop the car first and park to locate your current position.

If a receiver runs out of a back-up battery, it could take more time to pick up initial signals. (A back-up battery make a receiver spend less time when it receives initial signals. It is usually a rechargeable lithium-ion battery. Average back-up battery life is about one or two years when used constantly, but life could vary depending on usage frequency.)

► If the device is taking a long time to pick up initial signals, you need to have your back-up battery checked up by a receiver-maker.

| Product parts |

| Accessories |

Cigarette lighter adaptor

Suction mount cradle

Holder

USB sync cable

Installation CD

Pouch

AC/DC adaptor

| Charging the battery |

When the “Low Power” message appears, please charge the battery.

◆ Charging the battery with the AC/DC power adaptor or cigarette lighter adaptor.

- Charging time : Approx. 3 hours (after complete discharging)
- Charging LED : Red - Battery discharging
  Green - Battery charging completed
- Play time : Video - Approx. 4 hours
  Music - Approx. 7 hours

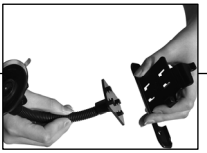
Caution Please discharge the battery completely and recharge at least once a month.

| Installation |

1 First, start the car's engine.

2 Check whether the memory card containing the navigation program and data is properly inserted in its designated slot in the device.

3 As shown, attach the car cradle to the suction mount cradle.



4 Lock the suction mount cradle's tab at the bottom and attach it to the glass. Please make sure the glass surface is clean to ensure a stronger attachment.

5 Put the product at the bottom of the cradle. Then, as shown in the picture, push the top of the product backward and attached e the product with the car's cradle.

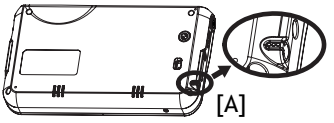
6 Connect the cigar jack's power connector with the product's power connector. Connect the cigar jack to the car's cigar light jack.

7 After installation is complete, turn on the product.

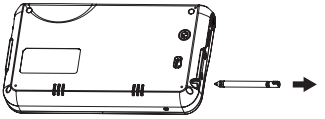
Be sure to start the car engine before connecting the cigar jack. If used for a long time with the engine off, the car battery can be discharged.

| **Standing** |

1

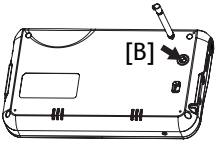


2



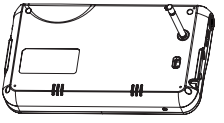
Pull out a stylus pen from [A]

3

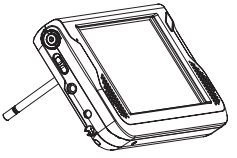


Insert a stylus pen into [B] to stand this device.

4



5



Caution

1. Please do not pross the upper side of this device. The stylus pen may be damaged.
2. Please keep away the stylus pen from the children to avoid puttiy it in their mouth.

| USING THE BASIC FUNCTIONS |

| Main menu screen |

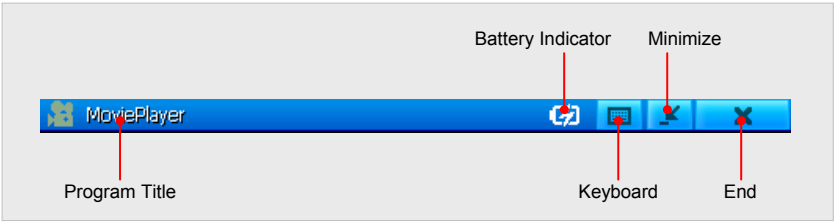
1 Click on the icon you want to access on the main menu..

2 Click on the icon in the sub-menu in the main menu to execute that program.

| Programs |

- Navigation
- Movie plyer
- Juke box
- Handsfree
- Office
  - White board
  - Image viewer
  - Car diary
  - File Explorer
  - Calculator
- Set up
  - Language
  - Screen & Display
  - Volume & Sound
  - Stylus
  - Power

TITLE BAR



◆ Program title

Displays the currently running program.

◆ Battery Indicator

Fully charged

Enough Power

Lack of Power

Low battery

Charging

◆ Keyboard

Shows the text being typed.

◆ Minimize

Minimizes the currently running program.

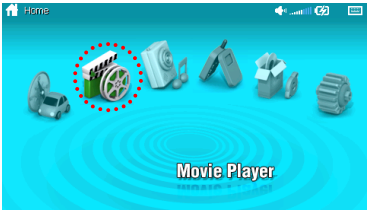
◆ End

Shuts down the program.

Click the first icon (Navigation) on the main menu to execute the Navigation program.

| How to use |

Please refer to a separate manual to use navigation.



Click the 2'nd icon (Movie Player) on the main menu to execute the Movie Player program.

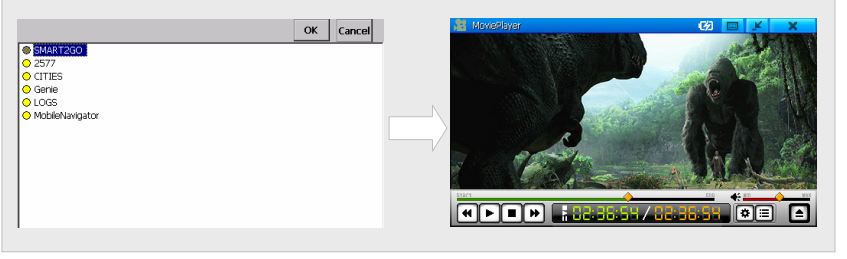
| Basic screen |

① Playing pointing bar
② Play the previous file
③ Play/Stop temporarily
④ Stop playing
⑤ Play the next file
⑥ Playing status
⑦ Display playing point
⑧ Playing time of a file
⑨ Option
⑩ Open a list
⑪ Open a file
⑫ Volume bar
⑬ Remove sound

Double-clicking the Playing Point window converts the screen into Title window.

| Opening a file |

Open a dialogue window by clicking the [Open a File] button, select a file and then click Confirm to play a file.



| How to use |

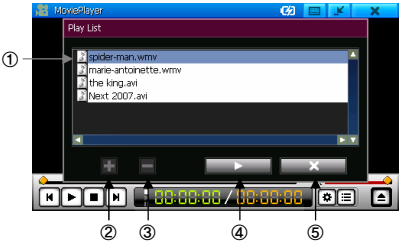
During playback, the Elapsed Time and the Point-of-Play Bar show current status. Play/Pause, Stop, Point of Play Bar, and Volume Bar are also available. There are Play/Pause/Stop conditions and current status shall be displayed if selected.

Files are played automatically as soon as the previous one is finished. Clicking “Play Previous File” or “Play Next File” stop the playback of current file and play another file on the play list. Double-clicking on the screen switches you to full-screen display. Double-clicking on the full screen returns the screen to its original size.

| Editing the play list |

Click the Open Play List button to open your play list, which will show files you have opened.

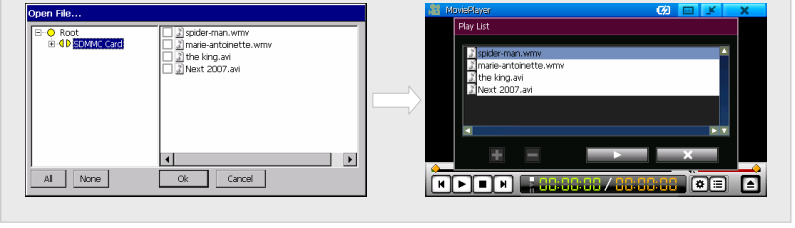
Select any file and click the Play button to play the file. Clicking the Close button return you to the basic screen.



①Selected file ②Register a file ③Delete ④Play ⑤Close

◆ Add a file

Clicking the Add a File button displays a window showing a directory tree with files in the current folder displayed in the right panel. Click the check box of the file you want to register. Clicking the OK button adds the files.



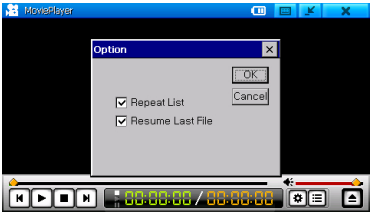
◆ Deleting a file

Select the file from the play list and click the Delete button to remove the file from the list

◆ Option

There are two available functions: Repeat Play List and Resume Last File.

- Repeat Play List: When the player finishes playing the last file, the first file is played automatically.
- Resume Last File" : If you replay Movie Player after you close it once during playing, the player starts playing from the stopped point.

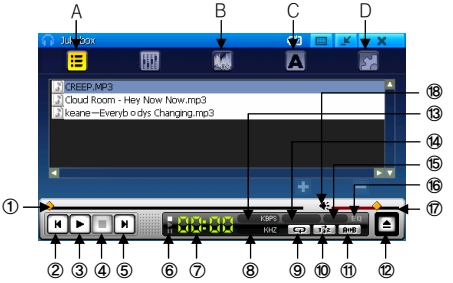


Click the 3'rd Icon (Juke box) on the main menu to execute Juke Box program.

| Screen Layout |

You can select the following screens by selecting tabs in the left.

A. Play List
B. Spectrum
C. Caption
D. Settings



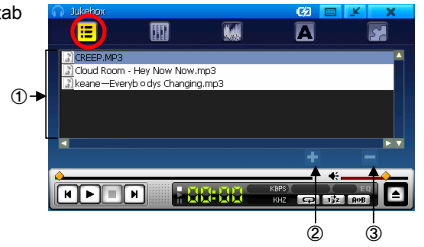
① Playing time
② Play the previous file
③ Play/Stop temporarily
④ Stop
⑤ Play the next file
⑥ Playing status
⑦ Playback time
⑧ Sampling frequency
⑨ Repeat play
⑩ Random
⑪ Repeat a section
⑫ Open a file
⑬ Beat rate
⑭ Stereo/Mono
⑮ File extension
⑯ Equalizer
⑰ Volume
⑱ Remove sound

| Play |

1. Click Player Button ( ).
2. Select file you want to play in the folder.
3. Click the Play button.

| Play List |

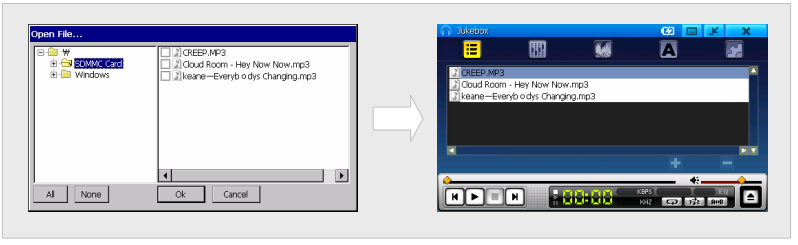
To switch to the Play List Mode, choose the first tab of the inter-page transition tab.



① Play List ② Add a file ③ Delete a file

◆ ADD a file

1. Click the ADD button to display the page below.
2. Select the file that you want to add to a desired folder.
3. Click the OK button to add desired files.
4. To play the added play list, select desired files and click the Play button.

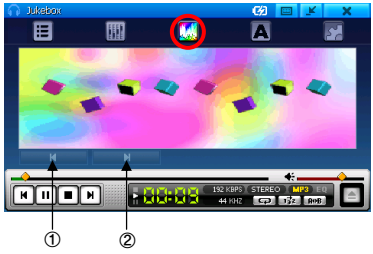


◆ Delete File

1. Select a file you want to delete from its play list.
2. To delete the selected file, click the Delete button.
3. Deletion only affects the play list and does not delete the original file.
4. Deleting the currently played file stops its playback.

| Spectrum |

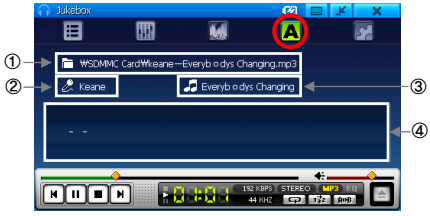
- The spectrum displays animation on the screen as the music is played.
- You can select any form of animation by clicking the Previous or Next button.



①Previous Spectrum ②Next Spectrum

| Lyrics |

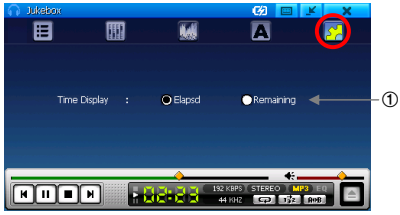
- Lyrics of the song are displayed on the screen.
- The name of the folder including the file being played shall appear at the upper part of the screen, including ID3 information, artist's name, and song title.
- If the file contains no ID3 information, the file name shall be displayed instead of the song title.
- If the file contains the embedded lyrics, the lyrics are automatically displayed.
- To include lyrics in the file, use a program supplied separately.



①Folder ②Artist ③Title ④Lyrics

| Configuration |

- Time Display: Displays the duration of playback. You can select between remaining time and elapsed time.

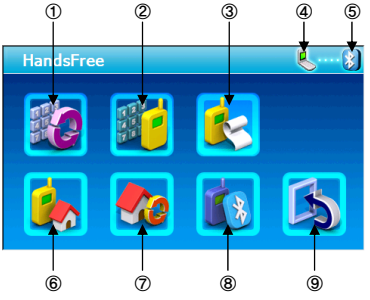


①Time Display

Click the 4th icon(Hands Free) to execute Hand Free.

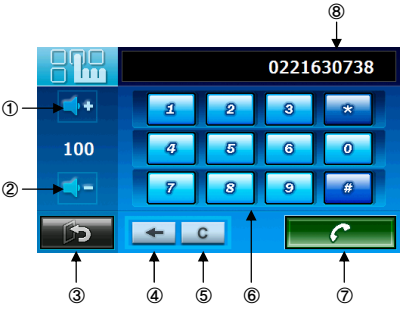
| Hands Free Screen |

① Re-Dialing
② Dial
③ Call History
④ Paring status
⑤ Bluetooth enable/disable status
⑥ Home dialing
⑦ Editing Home number
⑧ Connection
⑨ Exit



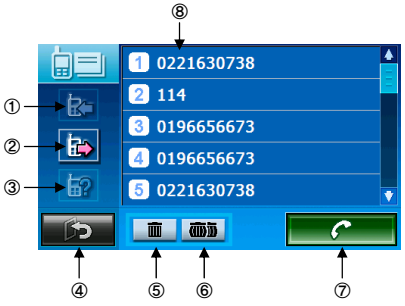
| Dial Pads |

① Volume up
② Volume down
③ Exit
④ Back space
⑤ Clear
⑥ Dial pads
⑦ Call
⑧ Telephone no.



| Call History screen |

① Receiving call History
② Sending call History
③ Missed call History
④ Exit
⑤ Delete a selected telephone number
⑥ Delete whole telephone list
⑦ Call button with a selected Tel no.
⑧ Call History list

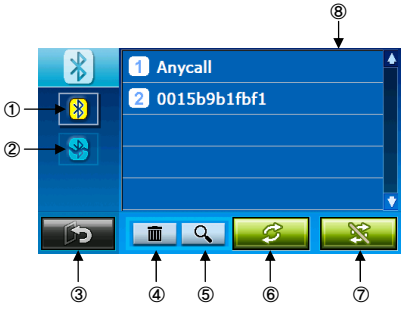


| Editing Home No. |

① Tel no.
② Exit
③ Back space
④ Clear
⑤ Dial pads
⑥ Edit

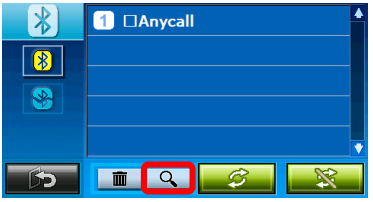
| Connection Screen |

① Bluetooth enable
② Bluetooth disable
③ Exit
④ Delete
⑤ Explore
⑥ Connect
⑦ Disconnect
⑧ Explored Bluetooth device list

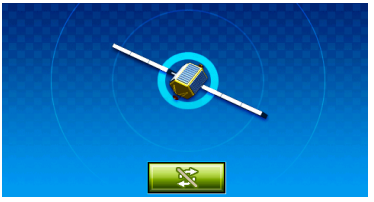


| Pairing with a phone |

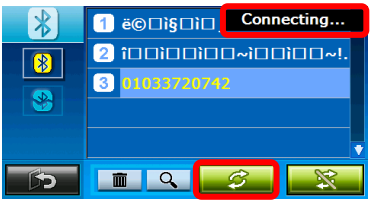
1. On the connection screen, please click the searching button to get a device to be paired
2. Wait for completing the searching a device on the searching screen.
3. When the searching is completed, the searched mobile phone lists appear on the connection screen.
4. Please choose your mobile phone and click the “connect” button.
5. “Connecting” message comes out on the upper side of right corner. After a few minute “connected” message appears and pairing with the phone is finished.
6. At the initialing pairing, the password screen appears.
7. Then, please press the password of mobile phone with mobile phone and click “O” button on the password screen.
8. When pairing is completed, the mobile phone icon shows up at the upper side of the right corner.
9. After the initial pairing, this device and your phone can connect automatically each time you turn them on.



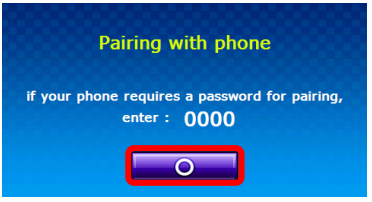
[Kapcsolódás képernyő]



[Keresés képernyő]



[Kapcsolódás képernyő]



[Jelszó megadása]

[Telefon kihangosítás képernyő]

Caution

1. All mobile phones are not compatible with this device. Please check if your phone is compatible with this device on www.bluepanther.eu
2. There might be some case that pairing is failed. At this case, try to search the device in your mobile phone. Then, find and pair this device (N4410) in your mobile phone.
3. If pairing still is failed in your mobile phone, please reset the device and try pairing again.

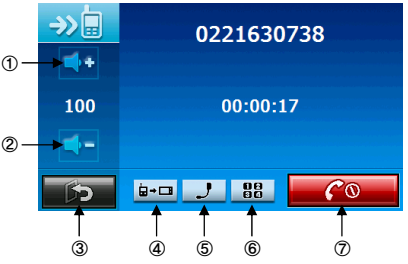
| How to call |

1. Input a telephone no. and click “Call” button on the Dial pads.
2. Main menu appears in call connection sound.
3. Click icon for the calling status screen to change the calling status or stop the call.
4. If dial pad is needed for ARS on calling, please click “dial pad” on the calling status screen to pop up the dial pads.
5. To change the calling device from the Hands Free of this device to the mobile phone or diverse case, please click ④.
6. On calling, if you do not want an opposite person to hear your side conversation, please click Mic mute.

[Dial Pads]

[Main menu on calling]

① Bluetooth enable
② Bluetooth disable
③ Exit
④ Delete
⑤ Explore
⑥ Connect
⑦ Disconnect
⑧ Explored Bluetooth device list



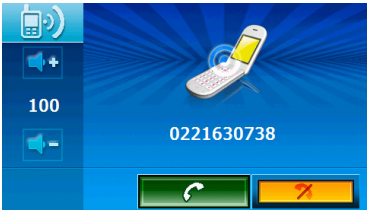
[Calling status screen]

[Dial pads on calling]

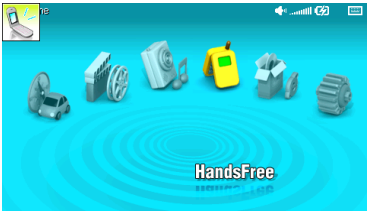
| How to receive a call |

1. Receiving call screen automatically pops up on your device, when you receive a call.
2. Click “Call” button to connect with a call. Or, click “Disconnection” button to refuse a call.
3. If you click “call” button, the main menu automatically appears.
4. Click icon for the calling status screen to change the calling status or stop the call.
5. In case that you receive another call on the line, please click icon to see the 2nd call status screen.

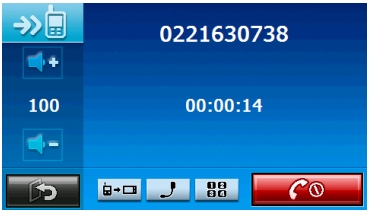
   At this time, if you want to change an opposite person, please click ① button.
6. To change the calling device from the HandsFree of this device to the mobile phone or diverse case, please click “change the calling device” button.
7. On calling, if you do not want an opposite person to hear your side conversation, please click Mic mute.



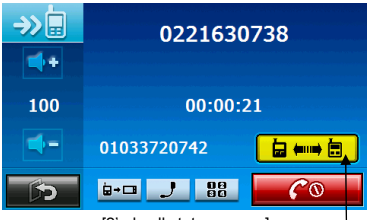
[Receiving call screen]



[Main menu on calling]



[Calling status screen]



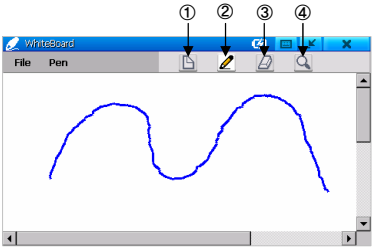
[2’nd call status screen]

① Change an opposite person on calling

Click the third icon (White Board) on the Office program of the main menu to execute the White Board program.

| Screen layout |

Using the stylus pen, you can write letters or draw diagrams in the center of the screen on the white board. In the toolbox at the upper side of the screen, you can easily select pen or eraser.



①New file
This icon on the tool box allows you to erase existing files and create a new file for a new drawing

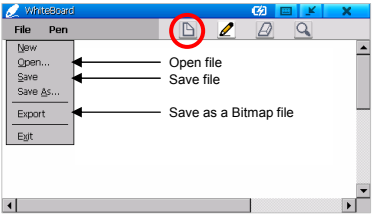
②Drawing
This icon allows you to draw pictures on the screen after changing the input mode into the drawing mode.

③Eraser
You can partly erase the existing picture.

④Zoom In / Out
This icon allows you to double the size of picture or return the enlarged picture to its original size.

| Open and Save File |

1. Click on the File menu and select Open.
2. Click on the name of the file you want to open from the dialogue window.



◆ Save File

1. Click on the File menu and select Save.
2. Input the file name and the directory in which you want to save the file.

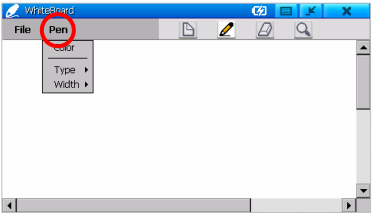
◆ Save as a Bitmap File

1. Click on the File menu and select Export.
2. Input the directory in which you want to save the file and the Bitmap file name.

| Drawing Configuration |

◆ Changing the Color

1. Click on the Pen menu and select Color.
2. Select the pen color.

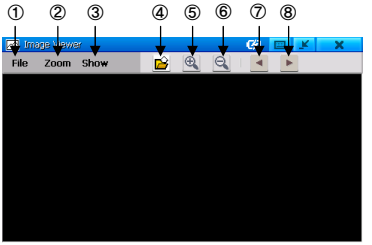


◆ Changing the Pen Pattern and Size

1. To change the pattern of the pen, click on the Pen menu and select Type.
2. To change the size of the pen, after clicking on the Pen menu and Type, select Size.
3. You can also set your own desired size by selecting “User Defined.”
4. You can choose Pen pattern with Line and Dot type, but it is available only with a Pen size of 1 px.

Click the 2'nd icon (Viewer) on the Office program of the main menu to execute the Viewer.

| Screen Layout |



①Open a file
②Enlarge/ Reduce
③Next/Previous
④Open
⑤Enlarge
⑥Reduce
⑦Previous image
⑧Next image

Click the 3'rd icon (Car Diary) on the Office menu to execute Car Diary program.

| Screen Layout |

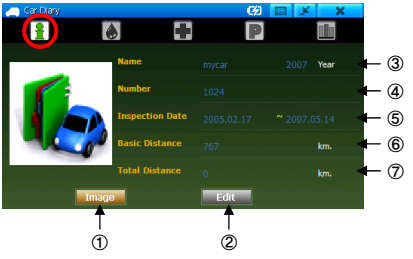
Click on the tabs on top to switch between different menus.

①Car information ②Refueling records ③Repair records
④Other expenditure ⑤Statistics

| Car Information |

Enter the car information mode by clicking on the first tab.

You can check basic car data or enter new information. By clicking on the Image button you can select a car image and store it, and by clicking on Edit button you can edit and store the data.



①By clicking on the Image button you can select a car image and store it.
②By clicking on the Edit button you can edit and store the data.
③Car number and year of manufacture.
④Car number.
⑤Scheduled car inspection date.
⑥Basic mileage when buying a new or second-hand car.
⑦Calculate and display values such as the current mileage since the purchase, mileage data and input data.

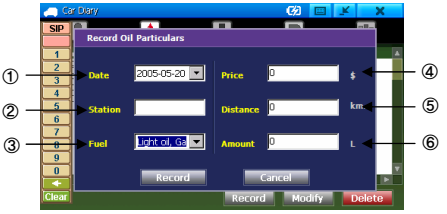
| Refueling log |

You can switch to the refueling log mode by clicking on the second tab on the screen switch tab.

①Refueling log ②Add ③Edit ④Delete

◆ ADD

1. Clicking on the Record button displays the following screen.
2. Enter data.
3. If you enter any value, refueled amount or refueled volume, the other is automatically calculated.
4. You can add new refueling data by clicking on the Record button.
5. You can cancel the procedure by clicking on Cancel.



①Refueling date ②Name of gas station ③Oil type
④Refueled amount ⑤Up-to-date mileage ⑥Refueled volume

◆ Edit

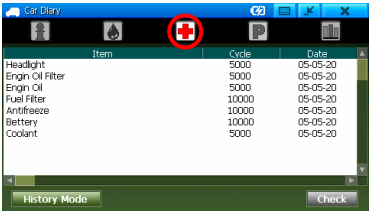
1. You can enter the following screen by double-clicking on the item to modify or by clicking on the Modify button after click-selecting the item.
2. Modify the data.
3. You can modify the refueling data by clicking on the Modify button.
4. You can cancel the procedure by clicking on the Cancel button.

◆ Delete

1. Click on the Delete button after click-selecting an item to delete.
2. Delete the refueling data by clicking on the OK button in the confirmation window.
3. You can cancel the procedure by clicking on Cancel button in the confirmation window.

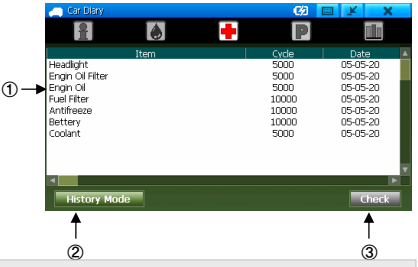
| Maintenance record |

You can switch to the maintenance record mode by clicking on the third tab on the screen switch tab.



◆ Manage Mode

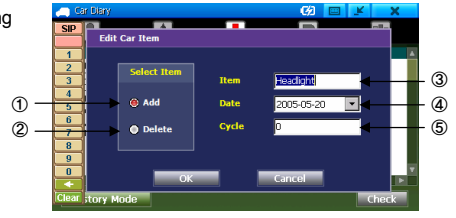
You can switch to the manage mode by clicking on the Manage Mode button on the bottom of the left side.



①Current maintenance status for each item
②Manage mode/History mode switch
③Add/Delete Items

◆ Maintenance item add/delete

1. You can open the following screen by clicking on the Check button on the bottom of the righside. You can manage each item by choosing Add or Delete on the Select Item menu.
2. Add
   - Click on Add on the left side.
   - Enter the data to add.
3. Delete
   - Click on Delete on the left side.
   - Select the item to delete from the combo box.
4. Add or delete the maintenance item by clicking on OK.
5. Cancel the procedure by clicking on Cancel.

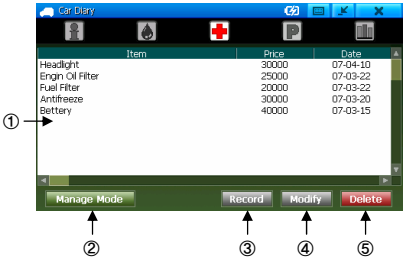


①Add ②Delete ③Item ④Input date ⑤Repair cycle

◆ History Mode

It displays all the maintenance history until current day.

You can switch to the history mode by clicking on the History Mode button on the bottom left of the screen.



①Maintenance details ②Manage/History mode switch ③Record ④Modify ⑤Delete

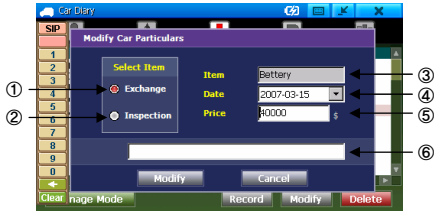
◆ Add

1. You can open the following screen by clicking on Record.
2. Enter data.
3. Add maintenance data by clicking on Record.
4. You can cancel the procedure by clicking on Cancel.

①Change ②Inspection ③Item ④Date ⑤Price ⑥Memo

◆ Modify

1. You can enter the following screen by double-clicking on the item to modify or by clicking on the Modify button after click-selecting an item.
2. Enter data.
3. Add maintenance data by clicking on Record.
4. You can cancel the procedure by clicking on Cancel.



①Change ②Inspection ③Item ④Date ⑤Price ⑥Memo

◆ Delete

1. Click on the Delete button after click-selecting an item to delete.
2. Delete the maintenance data by clicking on the OK button in the confirmation window.
3. You can cancel the procedure by clicking on the Cancel button in the confirmation window.

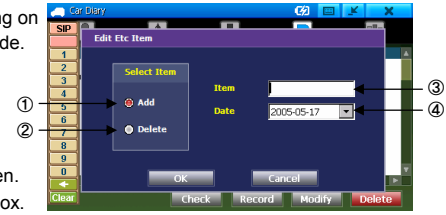
| Other expense record |

You can switch to the other expense record mode by clicking on the fourth tab on the screen switch tab.

①Other expenses ②Add or delete items ③Record ④Modify ⑤Delete

◆ Expense item add/delete

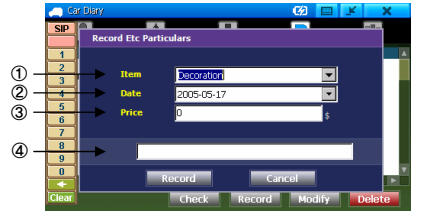
1. You can open the following screen by clicking on the Check button on the bottom of the left side.
2. Add
   - Click Add on the left side of the screen.
   - Enter data to add.
3. Delete
   - Click on Delete on the left side of the screen.
   - Select the item to delete from the combo box.
4. Click on OK to add or delete other expense item.
5. You can cancel the procedure by clicking on Cancel.



①Add ②Delete ③Item ④Date

◆ Add

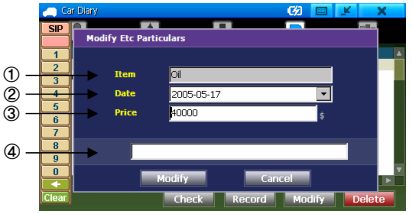
1. You can open the following screen by clicking on the Record button.
2. Enter data.
3. Click on Record to add new expense data.
4. You can cancel the procedure by clicking on Cancel.



①Inspection points ②Inspection date ③Amount ④Memo

◆ Modify

1. You can enter the following screen by double clicking on the item to modify or by clicking on the Modify button after click-selecting an item.
2. Modify the data.
3. You can modify the expense data by clicking on the Modify button.
4. You can cancel the procedure by clicking on the Cancel button.



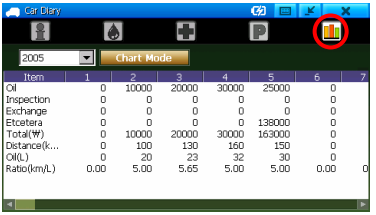
①Inspection points ②Inspection date ③Amount ④Memo

◆ Delete

1. Click on Delete after click-selecting an item to delete.
2. You can delete other expense data by clicking on the OK button in the confirmation window.
3. You can cancel the procedure by clicking on the Cancel button in the confirmation window.

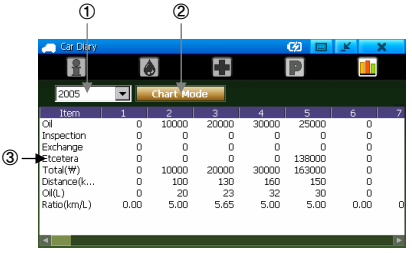
| Statistics |

You can switch to the statistics mode by clicking on the fifth tab on the screen switch tab.



◆ Table mode

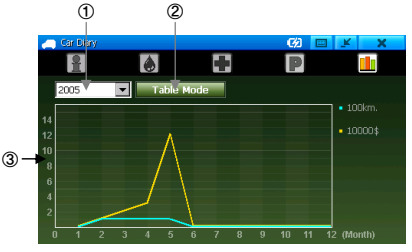
1. You can switch to the table mode by clicking on Table Mode.
2. Select the year to view from the combo box.



①Year selection ②Switch table/graph modes ③Statistics for each item

◆ Graph mode

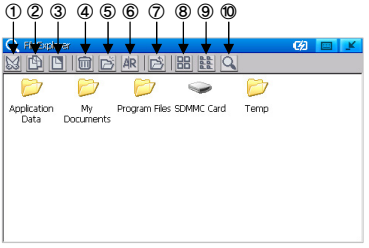
1. You can switch to the graph mode by clicking Chart Mode.
2. Select the year to view from the combo box.



①Year selection ②Switch table/graph modes ③Cost/mileage graph

Click the 4'th icon (File Explorer) on the Office program of the main menu to execute the File Browser.

| Screen Layout |



Remark
Can not execute .exe files in the File Explorer.

① Cut
Cuts a file or folder.

② Copy
Copies a file or folder.

③ Paste
Pastes a cut file or folder.

④ Delete
Deletes a file or folder.

⑤ New folder
Creates a new folder.

⑥ Rename
Renames a file or folder.

⑦ Open
Opens a file or a folder

⑧ Big Icon
Marks folder and files with big icon

⑨ Small Icon
Marks folders and files with small icons.

⑩ Details
Marks with detailed information, like names of folders and files, sizes, forms, date of modification, etc.

Click the first icon (Calculator) on the Office program of the main menu to execute the Calculator.

| Screen Layout |

The calculator consists of the general calculation section and scientific calculation section.

| General and Scientific Calculation |

By using the numeric keypad and calculation code on the screen, you can make general calculation. To perform scientific calculation, use the buttons on the left panel.

Click the fourth icon (Language) on the Control Panel program of the main menu to execute the Language.

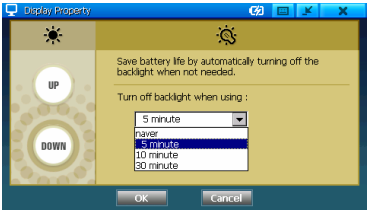
| Language Selection |

1. You can select the system language by clicking on national flag.
2. Click OK to finish.

Click the first icon (Screen) on the Control Panel of the main menu to execute the Screen.

| Screen Layout |

To configure on-screen elements such as brightness and condition.



◆ Brightness control

1. Press Down or Up button to adjust screen brightness.
2. Complete the adjustment by clicking OK.

◆ Backlight

1. Control time it takes until backlight turns off (you can control time in the order of length: None, 5 minutes, 15 minutes, 30 minutes).
   Battery life varies depending on time.
2. Close the window by clicking the Confirm button.

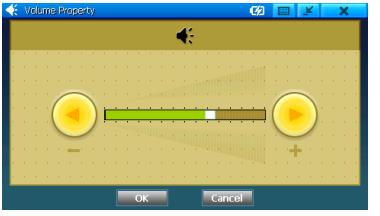
Remark

The backlight turn-off function is only workable in the battery mode.
In the condition that the device is supplied with the power, the backlight keeps.

Click the 2'nd icon (Volume & Sound) on the Control Panel program of the main menu to execute Volume & Sound.

| Screen Layout |

Set up items related to volume.



◆ Volume

1. Adjust the volume level by moving the slider from left to right or by clicking on the bar.
2. Click OK to finish.

Click the 3'rd icon (Stylus) on the Control Panel program of the main menu to execute the Stylus.

◆ Calibration

1. You can adjust the stylus point by clicking on Recalibrate.
2. Click OK to finish.

Stylus Property
If your device isn't responding properly to your taps, you may need to recalibrate your screen.
To start the recalibration process, tap Recalibrate.
Recalibrate
OK
Cancel

Click the 4'th icon (Power) on the Control Panel program of the main menu to execute the Power.

| Screen Layout |

Set up items related to power.

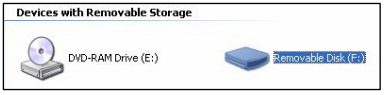
◆ Battery

Displays the current battery condition.

| ADDITIONAL FUNCTIONS |

| Connecting PC |

1. You can copy or delete the map software, the movie file, audio file, image file and so on in SD card or Nand Flash through USB.
2. Please connect the device with the USB port of PC.
3. PC recognizes this device and you can see the mobile disk in the file explorer of PC as follows.



4. Copy your chosen data to the mobile dist or the PC

Caution

- Don't depart the device from PC in transferring data. It causes the damage in data.
- There might be the possibility that data could be damaged or this device could not be recognized as the mobile disk in accordance with the kinds of PC.

| Disconnecting PC |

1. When transferring Data is completed, click the "Safety hardware disconnection" at the lower of right side.

2. When the Safety hardware disconnection is done, depart this device from the PC.

Caution

In some case you depart this device from PC without the Safety hardware disconnection, it might cause the damage in the data or this device.

| Firmware Upgrade |

For system upgrade, visit the product's website and download the necessary files.

1. Link this product to your PC with a USB cable.
2. Visit www.bluepanther.eu
3. Select Customer Center > Download.
4. Select the firmware upgrade item to be installed.
5. Download the upgrade file.
6. Uncompress the downloaded file, and then copy into the SDMMC Card folder of the product.
7. Turn off the product and restart.
8. The following upgrade screen appears, showing that product firmware is automatically upgraded.

| Before using the Transcoder |

◆ Functions of Transcoder

- File Converter
- DVD Player
- DVD Converter
- QuickTime(MOV/QT/MP4) Converter
- Advanced DVD Converter
- RealVideo Converter

◆ Files that can be converted

- Movies: Unsupported file types need to be converted.
- Setting out Transcoder options: No optional settings required as files will be converted automatically upon import.
- Check if the files are corrupted when errors occur. You can change image size by using [Image Resizing] button in the lower left part of the screen.
- When performing first after program installation, connecting this product to the PC disables the security code and enables subsequent use.

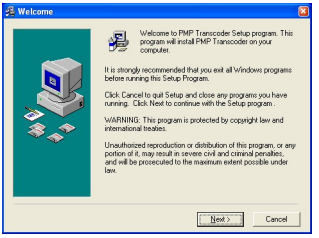
◆ Required system

- **Recommended system requirements**
  - Pentium3 1Ghz or faster
  - Memory 256 MB or larger
  - Microsoft DirectX-supported VGA
  - Sound card
- **OS**
  - Microsoft Windows 98
  - Microsoft Windows ME
  - Microsoft Windows 2000
  - Microsoft Windows XP

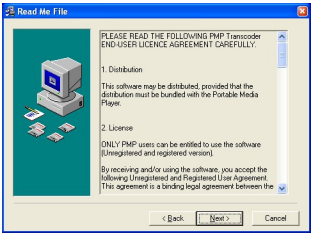
| Installing the Transcoder |

1. Insert the provided CD and select Transcoder Installation.

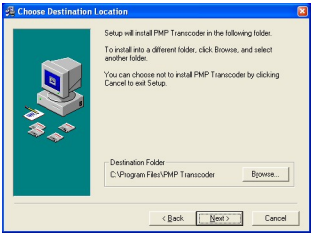
2. Select Next.


Welcome
Welcome to PMP Transcoder Setup program. This program will install PMP Transcoder on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup Program.
Click Cancel to quit Setup and close any programs you have running. Click Next to continue with the Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
Next >
Cancel

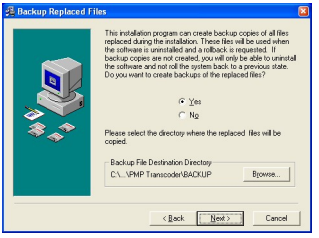
3. Select Next.


Read Me File
PLEASE READ THE FOLLOWING PMP Transcoder END-USER LICENCE AGREEMENT CAREFULLY.
1. Distribution
This software may be distributed, provided that the distribution must be bundled with the Portable Media Player.
2. License
ONLY PMP users can be entitled to use the software (Unregistered and registered version).
By receiving and/or using the software, you accept the following Unregistered and Registered User Agreement. This agreement is a binding legal agreement between the
< Back
Next >
Cancel

4. Select Next.

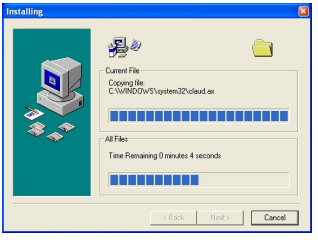

Choose Destination Location
Setup will install PMP Transcoder in the following folder.
To install into a different folder, click Browse, and select another folder.
You can choose not to install PMP Transcoder by clicking Cancel to exit Setup.
Destination Folder
C:\Program Files\PMP Transcoder
Browse...
< Back
Next >
Cancel

5. Select Yes, then click Next.

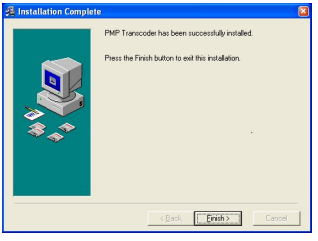

Backup Replaced Files
This installation program can create backup copies of all files replaced during the installation. These files will be used when the software is uninstalled and a rollback is requested. If backup copies are not created, you will only be able to uninstall the software and not roll the system back to a previous state. Do you want to create backups of the replaced files?
Yes
No
Please select the directory where the replaced files will be copied.
Backup File Destination Directory
C:\...\PMP Transcoder\BACKUP
Browse...
< Back
Next >
Cancel

6. Select Next.

7. Then installation will begin.

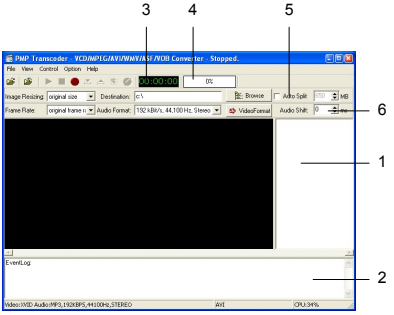


8. Select Next and press Finish.


Installation Complete
PMP Transcoder has been successfully installed.
Press the Finish button to exit this installation.
< Back
Finish >
Cancel

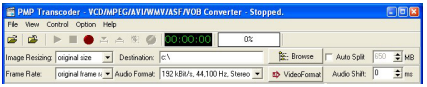
| Using the Transcoder |

Press [Start] in the lower left part then go to [Program(P)] → [PMP Transcoder] → [PMP Transcoder], or double-click PMP Transcoder icon in background.



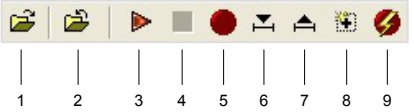
Transcoder window

1. File lists window: Displays currently opened files.
2. Status bar: Show status for currently running command.
3. Playing time and estimated file converting time: displays Playing time or estimated time for file converting.
4. Play and converting status sign: Displays playback or file converting status.
5. Assigning file size: Use when the converted file needs to be divided into sections.
6. Setting audio file synchronization: Use to match sound to the original audio file.



Menu bar

- Opening files to be converted sets options automatically.
- Image Resizing: Select file size (limit the resolution under 640 x 480 for images whose resolution is 640 x 480 or over)
- Destination: Locate converted file.
- Frame Rate: Sets the frame rate.
- Audio Format: Sets audio file sampling frequency and bit-rate.
  Defaults are 192 kBit/s, 44.100 Hz, stereo.
- Video Format: Video option setting window (Automatic setup)



Icons

1. Open
2. Close
3. Play
4. Stop
5. Convert selected files
6. Set starting point of the file section to be converted
7. Set ending point of the file section to be converted
8. Convert all current files
9. Run section converting

Menu

File

- Open VCD/MPEG/AVI/WMV/ASF/VOB files : Opens the file to be converted
- Close Current File:Closes current file
- Add Movie Files to List : Adds movie files to list
- Remove Checked Files from List : Removes the checked files from list
- Clear File List: Clears the current file list
- Exit: Exits Transcoder

View

- Show/Hide Log Info: Shows or hides the Log Info
- Show Mixer: Shows audio option setting window
- Toggle Window/Full screen Mode: Full-screen mode (Toggle with Esc)

Control

- Play: Starts file conversion
- Stop: Stops file conversion
- Check All Files: Selects all files from the file list
- Uncheck All Files: Unselects all files from the file list
- Set Begin Position For Conversion: Sets the beginning point of the file section for conversion
- Set End Position For Conversion: Sets the end point of the file section for conversion
- Set Whole File For Conversion: Converts the whole file
- Convert All Checked Files: Converts all checked files
- Convert Current File from Beginning To End Position: Convert selected sections of the current file

Option

- Setup Watermark: User preferred icons or letters can be inserted into the converted file. .BMP is the only compatible file format.
- Enable Audio: Enables audio files

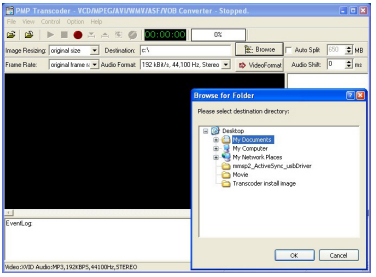
Choose files with Browser button

Help

- Help: Displays the Help section
- About PMP Transcoder: Displays program version and information
- Download QuickTime Player: Shows link to the website where QuickTime Player can be downloaded.
- Download Real Player: Shows link to the website where Real Player can be downloaded.
- Download Other Codecs: Shows link to the website where codecs can be downloaded.

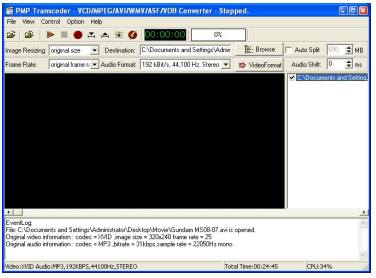
| Whole file conversion |

1. Using the browser, set the folder location where converted files are to be saved.

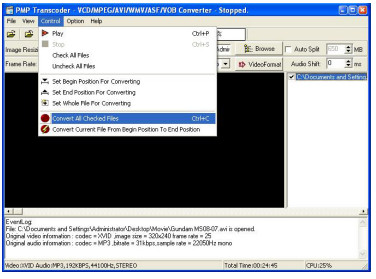


2. Select File → Open VCD/MPEG/AVI/WMV/ASF/VOB File Select files to be converted.

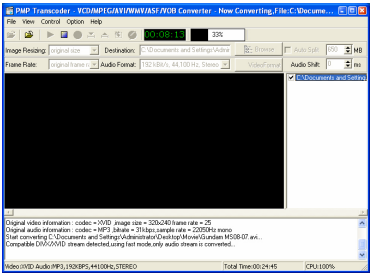
3. File name will appear in the right. Check files to be converted.



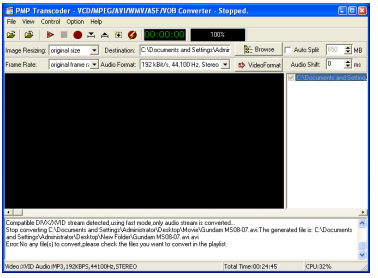
4. Choose Control → Convert All Checked Files to start the conversion process.


PMP Transcoder - VCD/MPEG/AVI/WMV/ASF/VOB Converter - Stopped.
Play
Stop
Check All Files
Uncheck All Files
Set Begin Position For Converting
Set End Position For Converting
Set Whole File For Converting
Convert All Checked Files
Convert Current File From Begin Position To End Position
EventLog

5. File conversion status will be shown as %.

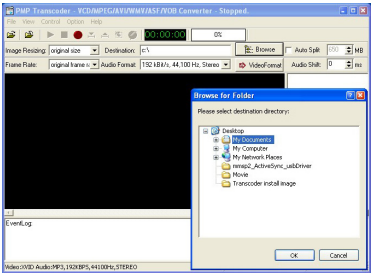


6. File conversion completed.



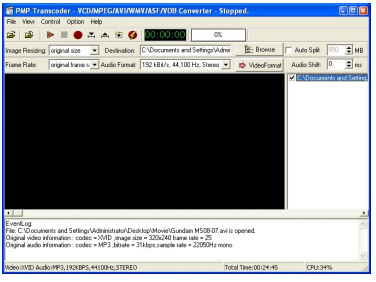
| Partial file conversion |

1. Using the browser, set the folder location to save converted files.

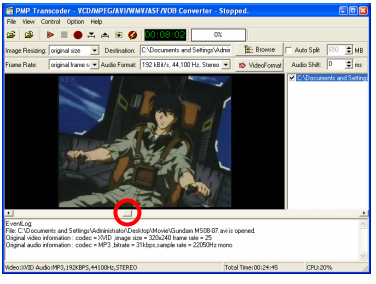


2. Select File → Open VCD/MPEG/AVI/WMV/ASF/VOB File to start conversion.

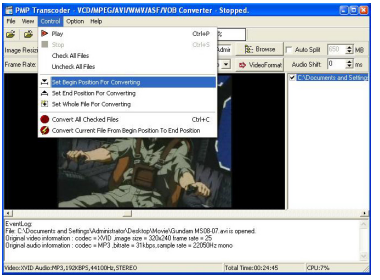
3. File names will appear in the right. Check files to be converted.



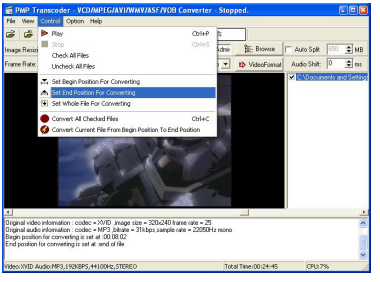
4. Move the button on the status bar in the bottom to the starting point of conversion.



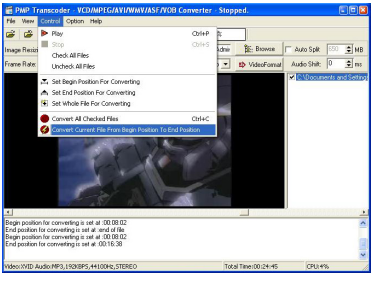
5. Select Control → Set Begin Position For Converting menu in the pop-up to set the starting position of sectional file conversion.



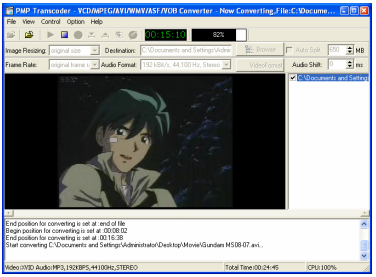
6. Same as setting the starting position, move the button on the status bar to the end position and select Control → Set End Position For Conversion in the pop-up menu to set the end position of file conversion.



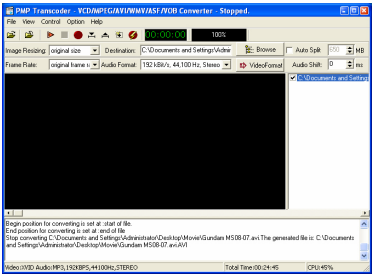
7. Select Control → “Convert current file from beginning position To end position” in the pop-up menu.



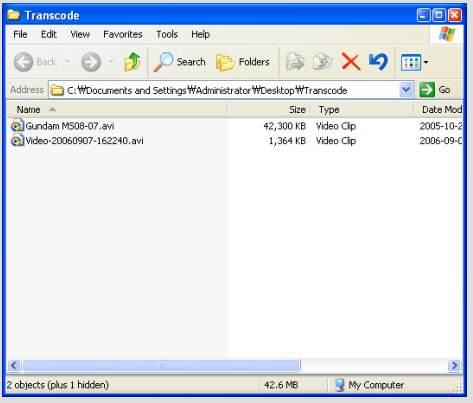
8. Sectional file conversion will start.



9. File conversion completed.



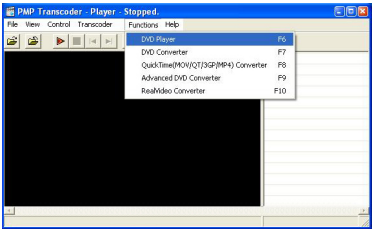
Review the converted movie file.
Converted file name is identical to the original file name.
In case of duplicate file name, 'video-yy/mm/dd' will be added.


Transcode
File Edit View Favorites Tools Help
Back Search Folders
Address C:₩Documents and Settings₩Administrator₩Desktop₩Transcode
Go
Name Size Type Date Mod
Gundam MS08-07.avi 42,300 KB Video Clip 2005-10-2
Video-20060907-162240.avi 1,364 KB Video Clip 2006-09-0
2 objects (plus 1 hidden) 42.6 MB My Computer

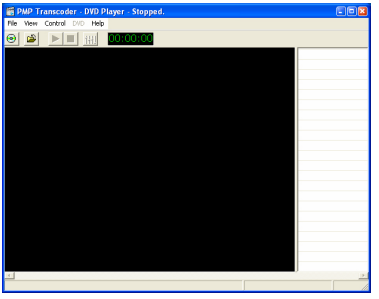
When a file cannot be converted or error messages appear, please check if the original file is not corrupted and try using a different resolution by clicking Image Resizing in the left upper part of the screen.

| **DVD Player** – Playing a DVD |

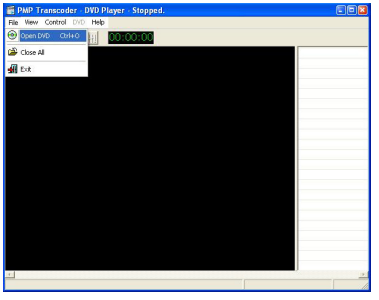
1. Select Functions → DVD Player in the menu.


PMP Transcoder - Player - Stopped.
File View Control Transcoder Functions Help
DVD Player F6
DVD Converter F7
QuickTime(MOV/QT/3GP/MP4) Converter F8
Advanced DVD Converter F9
RealVideo Converter F10

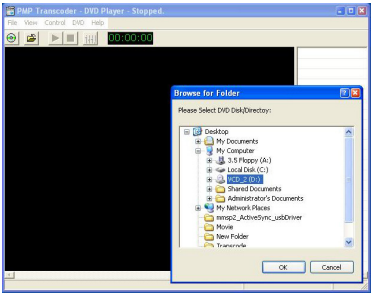
2. The screen below will be displayed.



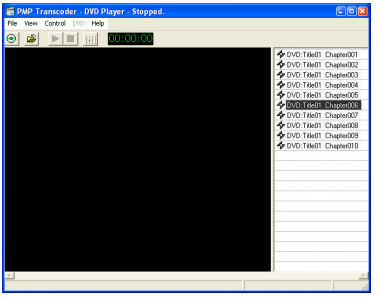
3. Select File → Open DVD from the menu.



4. Choose DVD and play.



5. Double-click Chapter List to play in the right. Stop or resume playback by using the Control menu.



| Using DVD Converter |

Convert DVD to PMP-compatible file format.

Advanced DVD Converter features improved functions than the DVD Converter.

Menu

File

- Open DVD/DVD directory:
  Opens files to be converted
- Open Info File: Opens the Info file
- Open VOB File: Open the VOB file
- Close All: Closes the DVD file
- Exit: Exits the DVD Converter program

View

- Show/Hide Log Info: Shows or hides the Log Info
- Show Mixer: Shows the audio options setting window

Control

- Stop: Stops the conversion
- Convert All Checked Chapters:
  Converts all checked chapters
- Check All Chapters: Checks all chapters
- Uncheck All Chapters:
  Unchecks all chapters
- Set Begin Position For Current Title:
  Sets the beginning position of new section for current title
- Set End Position For Current title: Sets the end position of the current section
- Set Whole Title For Conversion:
  Converts all the content of the current title.
- Convert Current Title: Converts selected sections of the current title

DVD

- Select Audio: Selects the audio file
- Select Sub Picture: Select subtitle type
- Enable Deinterlace (PAL, slower):
  Enables Deinterlace (PAL, slower)
- Enable preview: Enables the preview function

Option

- Setup Watermark:
  User-preferred icons or characters can be inserted into the converted file (can be done only with .BMP files).
- Enable Audio: Activates the audio

Select file to be inserted with Browser button

Help

- Help: Help
- About PMP Transcoder: Displays program version and information
- Download QuickTime Player: Shows link to the website where QuickTime Player can be downloaded.
- Download Real Player: Shows link to the website where Real Player can be downloaded
- Download Other Codecs: Shows link to the website where codecs can be downloaded

| Converting DVD files |

Works similar to that of the DVD Converter, but with more features.

Option

- Enable Full Speed Mode
  (the subpicture maybe distorted):
  Conversion speed depends on the user's PC specifications.
- Convert Selected Chapter(s) to One File:
  Converts selected chapters only.

Added Icons

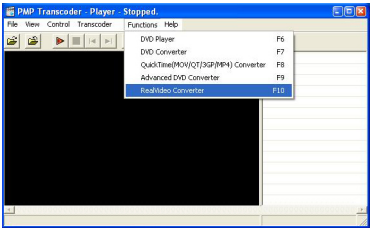
Conversion speed setup.

Converting

Refer to DVD Converter instructions.

| RealVideo Converter |

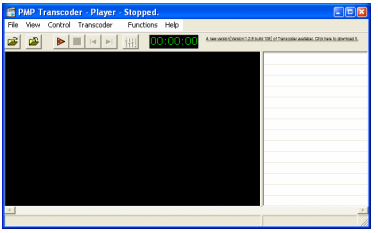
Convert RealVideo files.


PMP Transcoder - Player - Stopped.
File View Control Transcoder Functions Help
DVD Player F6
DVD Converter F7
QuickTime(MOV/QT/3GP/MP4) Converter F8
Advanced DVD Converter F9
RealVideo Converter F10

- Select Functions → RealVideo Converter menu.
- Directions for usage is same as that of the Transcoder.

| Upgrading Transcoder |

1. During running Transcoder, program to be upgraded will appear in the right upper side with updated version Information.

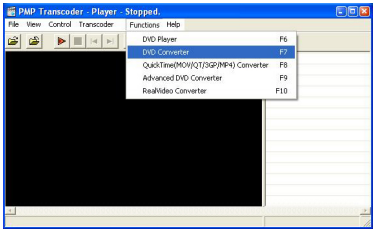


2. Click the highlighted items and save the program.

3. Run the upgrade program to complete upgrade.

| Advanced DVD Converter |

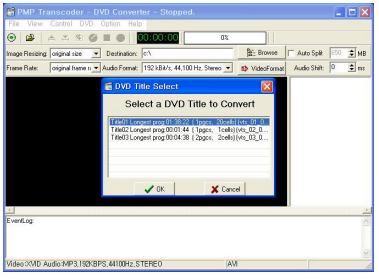
1. Select Functions → DVD Converter menu.


PMP Transcoder - Player - Stopped.
File View Control Transcoder Functions Help
DVD Player F6
DVD Converter F7
QuickTime(MOV/QT/3GP/MP4) Converter F8
Advanced DVD Converter F9
RealVideo Converter F10

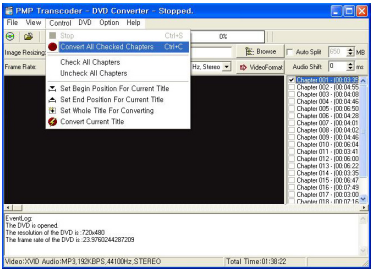
2. Using the browser, set the location of folder where converted files are to be saved.

3. Select File → Open DVD/DVD Directory in the menu bar, then the DVD Title Select window will appear. Choose the DVD file.

4. Click OK after choosing the title.

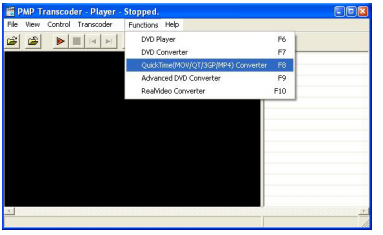


5. Check Chapter List in the right and select Control → Convert All Checked Chapters to start the conversion.


PMP Transcoder - DVD Converter - Stopped.
Convert All Checked Chapters
Check All Chapters
Uncheck All Chapters
Set Begin Position For Current Title
Set End Position For Current Title
Set Whole Title For Converting
Convert Current Title

| Quick Time Converter (MOV/QT/3GP/MP4) |

Convert QuickTime files with .MOV, .QT, .MP4 extensions.


PMP Transcoder - Player - Stopped.
File View Control Transcoder Functions Help
DVD Player F6
DVD Converter F7
QuickTime(MOV/QT/3GP/MP4) Converter F8
Advanced DVD Converter F9
RealVideo Converter F10

Select Functions →QuickTime (MOV/QT/MP4) Converter menu.

Follow the Transcoder Manual afterwards.

Problem	Checking
Does not charge	• Check whether the power adaptor is firmly connected. • Check if the battery is already fully charged. • Check if the battery button is off.
The device does not work with cigar jack adaptor	• Sometimes your vehicle's battery voltage drops below the level required by the device to function properly. When this happens, please resolve the power supply issue for your vehicle first.
Buttons do not work	• Please check if the device is discharged. • Please check the HOLD switch.
Overheating	• The device may overheat when in use for a long stretch of time.
The total running time is different from what the manual indicates	• Please check whether the battery was fully charged prior to use. • The total running-time of the device may decrease depending on how many functions are used simultaneously. • Please check whether the battery life is worn.
No power	• Please check the charging status.
Product stops functioning in the middle of an operation	• The device may cease to function when buttons are pressed excessively or when the device attempts to play unsupported/illegal data. Please press the RESET button in the lower side of the device and erase the data from the device.
No sound coming from the speaker	• Please check whether the earphone is plugged-in to the device. The speaker does not produce sound when an earphone is plugged-in to the device.
Player ceases to function after a device update	• Please do not remove the USB cable too forcefully after completely downloading the upgrade files. • Please try reinstalling the upgrade files.
The speaker produces noise or improper sound	• Please check whether the Pause button was pressed while audio was playing or whether the device in MUTE mode. • Please check whether the earphone cable is properly plugged-in to the device.

Problem	Checking
The display monitor turns off while the device is in operation	• Please check whether the Backlight OFF mode is selected.
LCD is too dark, making it difficult to see the display monitor	• Please check whether the brightness level is properly adjusted under device setting.
Can not play the converted file throug the transcoder program	• Please check whether converting is normally made or not. • Please delete the converted file and retry to convert the file and play it.
Device fails to recognize the USB connection	• Please check whether the USB driver has been installed. • If the device still fails to recognize the USB connection after the driver has been installed, please reinstall the driver and reboot the PC.
Location tracker does not work	• After boot-up, it may take from 30 seconds to 5 minutes for the device to track down the vehicle location according to the vehicle's parking or stop location. • When the device is used for the first time or used after the vehicle had been parked for a long period of time, it may take 5–30 minutes for the device to function properly depending on the level of supplied power and system inspection time.
Display map stops moving when vehicle is inside a tunnels or running on underground roads	• The display map cannot move when you are in locations where satellite communication is impossible, including tunnels and underground roads. Please transfer to a location where satellite communication is supported.
Poor GPS reception	• Sun coating (especially the ones with metallic substances) and other materials may interfere with GPS satellite waves. Inclement weather may also prevent the GPS device to receive data from the satellite.
Abnormal touch screen function	• Readjust the stylus point by clicking on recalibrate.

SPECIFICATION

GENERAL	Model Name	BluePanther N4410BT
	Dimension	137x75x21.9 mm
	Weight	255 g
	OS	WIN CE NET 5.0
	File System	FAT 32
VIDEO	Display	4.3" Wide TFT LCD, 16DM True color's 480 x 272 Resolution, Touch screen
AUDIO	Channel	Stereo
	Frequency range	20 Hz ~ 20 KHz
	Headphone Output	Left 20 mW + Right 20 mW
	Speaker Output	0.7W x 2
BLUETOOTH	Class	Class 2
	Profile	Hands free profile
POWER	Battery	Lithium-Ion 2,000 mA - Charging time: Approx. 3 hours (after complete discharging) - Video: About 4 hours ① - Music: About 7 hours ②
	Input	AC Adapter: DC 5.0 V, 2 A Cigar jack: DC 12– 24 V
SPECIAL FEATURES	SDIO Card	External SD Slot (up to 4 GB)
	Memory	32 MB or 2 GB Internal Nand Flash (option)
	Interface	USB 2.0 SLAVE
NAVIGATION	GPS	SiRF Star III
	GPS Ant.	Intenna active type
ENVIRONMENT	Performance	Operating temperature 0~50℃
		Storage temperature -10~60℃
	PC	Pentium III 500 MHz or better Microsoft Windows 98SE/ME/2000/XP More than 128 MB memory USB Port 2.0

① : MPEG4 320x240, 500 Kbps, MP3, average volume, the second from highest brightness, earphone output

② : MP3, average volume, LCD OFF, earphone output

MEMO